



**SYMYX TECHNOLOGIES, INC.**  
**3100 CENTRAL EXPRESSWAY**  
**SANTA CLARA, CA 95051**  
**PHONE: 408-773-4027**  
**FAX: 408-773-4029**

### **FAX TRANSMITTAL SHEET**

<b>Date:</b>	<b>August 31, 2004</b>	<b>From:</b>	<b>Paul A. Stone</b>
			<b>Reg. No. 38,628</b>
<b>To:</b>	<b>Attn: Examiner Leader, AU1742</b>		
	Commissioner of Patents	Docket No.	<b>98-15DIV1RCE</b>
	P.O. Box 1450		
	Alexandria, VA 22313-1450	Fax No:	<b>(571) 273-1245</b>

**Number of pages included in this fax: 56**

In re Application of:	Warren et al.	Confirmation No.	9544
Serial No.:	09/694,176	Group Art Unit:	1742
Filed:	10/23/2000	Examiner:	Leader, W.
For:	Combinatorial Electrochemical Deposition and Testing System		

**Dear Sir:**

**Enclosed please find copies of the following documents to be filed  
regarding the above identified patent application:**

- **Transmittal (2 pages in duplicate)**
- **Consent of Assignee to Correction of Inventorship Under 37 CFR §1.48  
and Copies of Assignments (49 pages)**
- **Communication Under CFR §1.312 (2 pages)**

**Please enter these into the file and contact us if necessary.**

**Respectfully Submitted,**  
**Paul A. Stone**  
**Reg. No. 38,628**

---

*This facsimile message is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited. If you are not the intended recipient, please contact the sender and destroy all copies of the original message.*

Docket No. 98-15DIV1  
PATENT

**CERTIFICATE OF TRANSMISSION BY FACSIMILE**

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office at facsimile number (571) 273-1245 addressed to:  
Attn: Examiner Leader, AU1742, Commissioner for Patents, P.O. Box 1450,  
Alexandria, VA 22313-1450 on 8-31-04.

BY: Suzanne Shadley  
Suzanne Shadley

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	Warren et al.	Confirmation No. 9544
Serial No.:	09/694,176	Group Art Unit: 1742
Filed:	10/23/2000	Examiner: W. Leader
For:	Combinatorial Electrochemical Deposition and Testing System	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Sir:

Transmitted herewith (check all that apply):

- |   |  |
|---|--|
| <input type="checkbox"/> Preliminary Amendment<br><input type="checkbox"/> Response/Amendment<br><input type="checkbox"/> Response/Amendment After Final<br><input type="checkbox"/> Supplemental Amendment<br><input type="checkbox"/> Affidavits/Declarations<br><input type="checkbox"/> Declaration and Power of Attorney<br><input type="checkbox"/> Supplemental Declaration<br><input type="checkbox"/> Associate Power of Attorney<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Associate Power of Attorney<br><input type="checkbox"/> Response to Missing Parts | <input type="checkbox"/> Supplemental Information Disclosure Statement<br><input type="checkbox"/> Petition Under 37 CFR 1.97(d)(2)<br><input type="checkbox"/> Formal Drawings<br><input type="checkbox"/> Declaration Under 37 CFR 1.131<br><input checked="" type="checkbox"/> Communication Under 37 CFR 1.312<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Small Entity Statement<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> Appeal<br><input type="checkbox"/> Petition<br><input checked="" type="checkbox"/> Consent of Assignee to Correction of<br>Inventorship Under 37 CFR 1.48 |
|---|--|

to be filed in the above-identified patent application.

No fee is required.

The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 C.F.R. § 1.16, in connection with the paper(s) transmitted herewith, or credit any overpayment of same, to Deposit Account No. 50-0496.

A duplicate copy of this Transmittal Letter is transmitted herewith.

Docket No. 98-15DIV1  
*PATENT*

Respectfully submitted,



Date: Aug. 31, 2004

Paul A. Stone  
Reg. No. 38,628  
Attorney for Applicant(s)

Symyx Technologies, Inc.  
3100 Central Expressway  
Santa Clara, California 95051  
Tel.: (408) 773-4027  
Fax: (408) 773-4029

Attorney Docket No. 98-15DIV1RCE  
PATENT

CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office at facsimile number (571) 273-1245 addressed to: Attn: Examiner Leader, AU1742, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 8/31/04.

BY: Suzanne Shadley  
Suzanne Shadley

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	Warren et al.	Confirmation No.	9544
Serial No.:	09/694,176	Group Art Unit:	1742
Filed:	10/23/2000	Examiner:	Leader, W.
For:	Combinatorial Electrochemical Deposition and Testing System		

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**COMMUNICATION UNDER 37 CFR §1.312**

Sir:

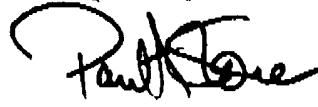
On December 16, 2003 Applicants filed a Petition to Correct Inventorship Pursuant to 37 CFR §1.148(a) to add Martin Devenney, Eric McFarland and Earl Danielson as inventors to the above-referenced application.

Applicants request confirmation that the Petition was entered and the inventors have been added to this application.

Docket No. 98-15DIV1RCE  
PATENT

Applicants believe that no further fees are required in connection with this communication. If necessary, however, the Examiner is hereby authorized to charge any fees required in connection with this application to Deposit Account No. 50-0496.

Respectfully submitted,



Date: Aug 31, 2004

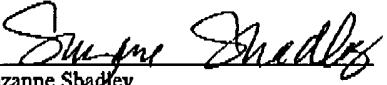
Paul A. Stone  
Reg. No. 38,628  
Attorney for Applicant(s)

Symyx Technologies  
3100 Central Expressway  
Santa Clara, California 95051  
Tel.: (408) 773-4027 Fax: (408) 773-4029

Docket No. 98-15DIV1  
PATENT

## CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office at facsimile number (571) 273-1245 addressed to: Attn: Examiner Leader, AU1742, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 31, 2004.

BY:   
Suzanne Shadley

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Warren et al.	Confirmation No.	9544
Serial No.:	09/694,176	Group Art Unit:	1742
Filed:	October 23, 2000	Examiner:	William T. Leader
For:	Combinatorial Electrochemical Deposition and Testing System		

**CONSENT OF ASSIGNEE TO  
CORRECTION OF INVENTORSHIP, 37 C.F.R. 1.48**

1. The above-referenced patent application is a divisional application of U.S. Serial No. 09/119,187 filed July 20, 1998, which itself is a continuation in part of U.S. Serial No. 08/941,170 filed September 30, 1997.

2. The above-mentioned parent application, (U.S. Serial No. 09/119,187), this divisional application and the inventions disclosed therein were assigned by each of the inventors to Symyx Technologies, Inc. A copy of the assignments are attached hereto.

3. In view of the above and the attached documentary evidence, ownership of this divisional application and the invention disclosed therein by Symyx Technologies, Inc. is established in accordance with 37 C.F.R. 3.73.

4. Symyx Technologies, Inc., the assignee of the entire right, title and interest in and to the above-identified patent application hereby consents to the requested inventorship correction as set forth in the accompanying Petition To Correct Inventorship Under 37 C.F.R. 1.48(a) from:

Christopher J. Warren, Robert C. Haushalter, and Leonid Matsiev as joint inventors  
to:

Docket No. 98-15DIV1  
PATENT

Christopher J. Warren, Robert C. Haushalter, Leonid Matsiev, Martin Devenney, Eric McFarland,  
and Earl Danielson as joint inventors.

5. The undersigned states that he has the authority to consent to the requested correction of  
inventorship on behalf of Symyx Technology, Inc.

Symyx Technologies, Inc.

Date: Aug. 31, 2004

By: Paul A. Stone

Paul A. Stone

Title: VP, Chief Patent Counsel

AUG-31-2004 11:49

SYMYX TECHNOLOGIES INC

+1 408 773 4029 P.08

**DOBRUSIN DARDEN THENNISCH & LORENZ PLLC**

401 South Old Woodward Avenue, Suite 311  
BIRMINGHAM, MICHIGAN 48009

TELEPHONE (248) 593-9900  
FACSIMILE (248) 593-0581

CONCENTRATING IN PATENT, TRADEMARK & COPYRIGHT LAW

ERIC M. DOBRUSIN\*  
LOLETTA L. DARDEN\*\*  
JEFFREY P. THENNISCH  
TIMOTHY J. LORENZ\*\*\*  
SCOTT A. CHAPPLER\*

Arizona Office address:  
P.O. Box 7089  
Chandler, AZ 85246-7089  
Tele: (480) 792-9653  
Fax: (480) 792-9655

\* Registered Patent Attorney  
\*\*Admitted to Practice in MA and MI  
\*\*\*Admitted to Practice in AZ, DC and MI

October 25, 2000

Via Express Mail EL673267933US

Assistant Commissioner for Patents  
Box: Assignments  
Washington, D.C. 20231

Date of Deposit: October 25, 2000

Re: Recordation Of Assignment

Dear Sir:

Please record the attached original assignment document.

Names of conveying parties: Leonid Matsiev, Martin Devenney, Earl Danielson, and Eric McFarland

2. Name and Address of Receiving Party: Symyx Technologies, Inc.  
3100 Central Expressway  
Santa Clara, CA 95051
3. Nature of Conveyance: Assignment executed on October 2, 2000; October 10, 2000 and October 12, 2000;
5. Correspondence address: Ronald A. Krasnow  
Symyx Technologies, Inc.  
3100 Central Expressway  
Santa Clara, CA 95051
6. This document is being filed in Serial No. 09/119,187, filed July 20, 1998.
7. Total number of applications involved = 1
8. Total fee: \$40. Please charge deposit account 50-0496 for this fee. A duplicate copy of this cover letter is enclosed.

August 28, 2000  
Page 2

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

The total number of pages, including cover letter and assignment is six (6).

Respectfully Submitted,



Eric M. Dobrusin  
Registration No. 33,867

Enclosure

**ASSIGNMENT OF PATENT APPLICATION**

WHEREAS, Christopher J. Warren of 600 Rainbow Drive, #170, Mountain View, California 94041, Robert C. Haushalter of 25259 Terrace Grove Road, Los Gatos, California 95033, Leonid Matsiev of 10350 Leola Court, #1, Cupertino, California 95014, and Martin Devenney of 1957 California Street #3, Mountain View, California 94040; Eric McFarland, 812 Pointsettia Way, Santa Barbara, California 93111; and Earl Danielson, 3840 Corina Way, Palo Alto, California 94306 hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letter Patent:

Title of Invention: **METHOD FOR CREATING AND TESTING A COMBINATORIAL ARRAY EMPLOYING INDIVIDUALLY ADDRESSABLE ELECTRODES**

Filing Date: July 20, 1998 Application No.: 09/119,187; and

WHEREAS, Symyx Technologies, Inc., a Delaware corporation, located at 3100 Central Expressway, Santa Clara, California 95051, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application, and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: Oct. 02. 2000



Leonid Matsiev

STATE OF

California

COUNTY OF

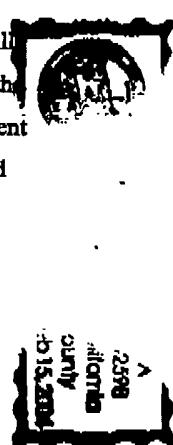
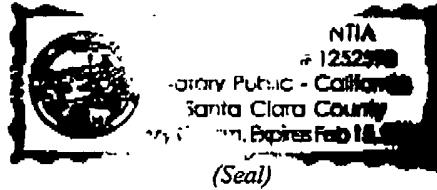
Santa Clara



On 10/2/00, before me, Renee Lamantia, Notary Public, personally appeared Leonid Matsiev, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Signature Renee Lamantia



Date: Oct 02, 2000



Martin Devenney

STATE OF

California

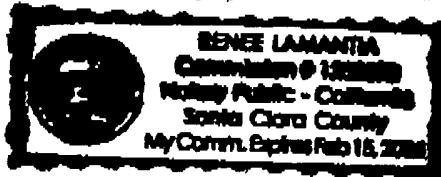
COUNTY OF

Santa Clara

On 10/2/00, before me, Renee Lamantia, Notary Public, personally appeared Martin Devenney, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Signature Renee Lamantia



(Seal)

Date: OCT 10 2003

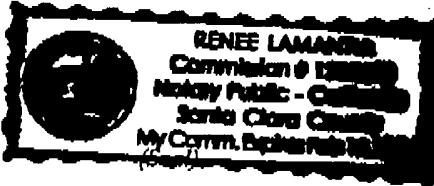
STATE OF

COUNTY OF

California  
Santa Clara  
Earl Danielson

On 10/10/03, before me, Renee Lamantia, Notary Public, personally appeared Earl Danielson, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Signature Renee Lamantia

**ASSIGNMENT OF PATENT APPLICATION**

WHEREAS, Christopher J. Warren of 600 Rainbow Drive, #170, Mountain View, California 94041, Robert C. Haushalter of 25259 Terrace Grove Road, Los Gatos, California 95033, Leonid Matsiev of 10350 Leola Court, #1, Cupertino, California 95014, and Martin Devenney of 1957 California Street #3, Mountain View, California 94040; Eric McFarland, 812 Pointsettia Way, Santa Barbara, California 93111; and Earl Danielson, 3840 Corina Way, Palo Alto, California 94306 hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letter Patent:

Title of Invention: **METHOD FOR CREATING AND TESTING A COMBINATORIAL ARRAY EMPLOYING INDIVIDUALLY ADDRESSABLE ELECTRODES**

Filing Date: July 20, 1998 Application No.: 09/119,187; and

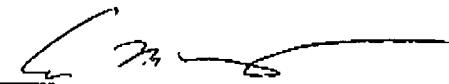
WHEREAS, Symyx Technologies, Inc., a Delaware corporation, located at 3100 Central Expressway, Santa Clara, California 95051, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application, and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: 10/12/00

  
Eric McFarland

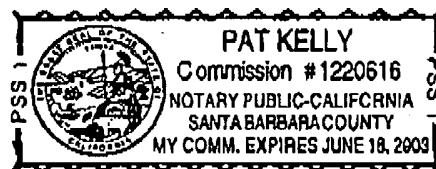
STATE OF CALIFORNIA  
COUNTY OF SANTA BARBARA

On OCT. 12, 2000, before me, PAT KELLY, Notary Public, personally appeared ERIC Mc FARLAND, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

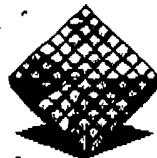
WITNESS my hand and official seal

Signature Pat Kelly

(Seal)



7-20-98



Symyx

07-29-1998



100778568

SYMYX TECHNOLOGIES

3100 CENTRAL EXPRESSWAY  
SANTA CLARA, CA 95051  
TEL 408.764.2100  
FAX 408.748.0146  
[www.symyx.com](http://www.symyx.com)

U.S. POSTAL  
07/20/98  
119187  
07/20/98

M RD

July 20, 1998

VIA EXPRESS MAIL

Assistant Commissioner for Patents  
Box: Assignments  
Washington, D.C. 20231

Express Mail No. E1768182393US  
Date of Deposit: July 20, 1998

Re: Recordation of Assignment

Dear Sir:

Please record the attached original assignment document.

1. Names of conveying parties: Christopher J. Warren, Robert C. Haushalter and Leonid Matsiev
2. Name and Address of Receiving Party: Symyx Technologies  
3100 Central Expressway  
Santa Clara, CA 95051
3. Nature of Conveyance: Assignment executed on July 17, 1998 and July 20, 1998.
4. This document is being filed together with a new utility patent application.

09/119187

5. Correspondence address: Ronald A. Krasnow  
Symyx Technologies  
3100 Central Expressway  
Santa Clara, CA 95051
6. Total number of applications involved = 1
7. Total fee: \$40. Please charge deposit account 50-0496 for this fee. A duplicate copy of this cover letter is enclosed.

07/27/1998 DNGUYEN 00000168 500496 09119187  
01 FC:581 40.00 CH

Assistant Commissioner for Patents  
Page 2  
July 20, 1998

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

The total number of pages, including cover letter and assignment is four.

Respectfully Submitted,



Ronald A. Krasnow  
Registration No. 33,321

Enclosure

Express Mail Label No. EI768182393US

Attorney Docket No. 98-15

## ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Christopher J. Warren of 600 Rainbow Drive, #170, Mountain View, California 94041, Robert C. Haushalter of 25259 Terrace Grove Road, Los Gatos, California 95033 and Leonid Matsiev of 10350 Leola Court, #1, Cupertino, California 95014, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letter Patent:

Title of Invention: COMBINATORIAL ELECTROCHEMICAL DEPOSITION AND TESTING SYSTEM

Filing Date: Even Date Herewith Application No.: \_\_\_\_\_; and

WHEREAS, Symyx Technologies, a California corporation, located at 3100 Central Expressway, Santa Clara, California 95051, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application, and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: 7/16/98

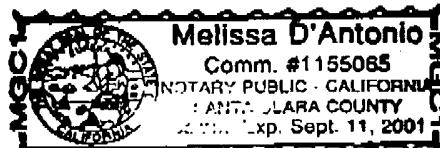
STATE OF California

COUNTY OF Santa Clara

On July 16, 1998, before me, Melissa D'Antonio, Notary Public, personally appeared Christopher J. Warren, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

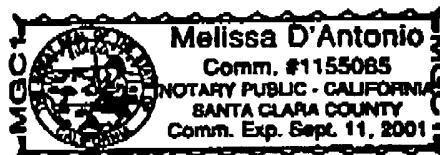
Signature Melissa D'Antonio (Seal)



Date: 7/20/98STATE OF CaliforniaCOUNTY OF Santa ClaraOn July 20, 1998

On July 20, 1998, before me, Melissa D'Antonio, Notary Public, personally appeared Robert C. Haushalter, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature Melissa D'Antonio (Seal)Date: 07.16.98STATE OF CaliforniaCOUNTY OF Santa ClaraOn July 16, 1998

On July 16, 1998, before me, Melissa D'Antonio, Notary Public, personally appeared Leonid Matsiev, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature Melissa D'Antonio (Seal)



NOVEMBER 18, 1999

PTAS

SYMYX TECHNOLOGIES, INC.  
 RONALD A. KRASNOW  
 LEGAL DEPARTMENT  
 3100 CENTRAL EXPRESSWAY  
 SANTA CLARA, CA 95051

UNITED STATES DEPARTMENT OF COMMERCE  
 Patent and Trademark Office  
 ASSISTANT SECRETARY AND COMMISSIONER  
 OF PATENTS AND TRADEMARKS  
 Washington, D.C. 20231



\*101147135A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
 NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/10/1999

REEL/FRAME: 010216/0791

NUMBER OF PAGES: 31

BRIEF: CHANGE OF NAME IN RECORDED ASSIGNMENTS

ASSIGNOR:

SYMYX TECHNOLOGIES

DOC DATE: 02/17/1999

ASSIGNEE:

SYMYX TECHNOLOGIES, INC.  
 3100 CENTRAL EXPRESSWAY  
 SANTA CLARA, CALIFORNIA 95051

SERIAL NUMBER: 09122932  
 PATENT NUMBER:

FILING DATE: 07/27/1998  
 ISSUE DATE:

SERIAL NUMBER: 09127195  
 PATENT NUMBER:

FILING DATE: 07/31/1998  
 ISSUE DATE:

SERIAL NUMBER: 09127660  
 PATENT NUMBER:

FILING DATE: 07/31/1998  
 ISSUE DATE:

SERIAL NUMBER: 60016102  
 PATENT NUMBER:

FILING DATE: 07/23/1996  
 ISSUE DATE:

010216/0791 PAGE 2

SERIAL NUMBER: 60029255	FILING DATE: 10/25/1996
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 08841423	FILING DATE: 04/22/1997
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 60048987	FILING DATE: 06/09/1997
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 60035202	FILING DATE: 01/10/1997
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 60056818	FILING DATE: 08/22/1997
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09112247	FILING DATE: 07/08/1998
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 08847967	FILING DATE: 04/22/1997
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 08898715	FILING DATE: 07/22/1997
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09235368	FILING DATE: 01/21/1999
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09337047	FILING DATE: 06/21/1999
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09337048	FILING DATE: 06/21/1999
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09337043	FILING DATE: 06/21/1999
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09337612	FILING DATE: 06/21/1999
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 08941170	FILING DATE: 09/30/1997
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 08946135	FILING DATE: 10/07/1997
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 08946730	FILING DATE: 10/08/1997
PATENT NUMBER: 5959297	ISSUE DATE: 09/28/1999
SERIAL NUMBER: 08947085	FILING DATE: 10/08/1997
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 08946921	FILING DATE: 10/08/1997
PATENT NUMBER:	ISSUE DATE:

010216/0791 PAGE 3

SERIAL NUMBER: 09133171 PATENT NUMBER:	FILING DATE: 08/12/1998 ISSUE DATE:
SERIAL NUMBER: 08989739 PATENT NUMBER:	FILING DATE: 12/12/1997 ISSUE DATE:
SERIAL NUMBER: 09025841 PATENT NUMBER:	FILING DATE: 02/19/1998 ISSUE DATE:
SERIAL NUMBER: 09019425 PATENT NUMBER:	FILING DATE: 02/05/1998 ISSUE DATE:
SERIAL NUMBER: 09174986 PATENT NUMBER:	FILING DATE: 10/19/1998 ISSUE DATE:
SERIAL NUMBER: 09093870 PATENT NUMBER:	FILING DATE: 06/09/1998 ISSUE DATE:
SERIAL NUMBER: 60096603 PATENT NUMBER:	FILING DATE: 08/13/1998 ISSUE DATE:
SERIAL NUMBER: 09177170 PATENT NUMBER:	FILING DATE: 10/22/1998 ISSUE DATE:
SERIAL NUMBER: 09211982 PATENT NUMBER:	FILING DATE: 12/14/1998 ISSUE DATE:
> SERIAL NUMBER: 09119187 PATENT NUMBER:	FILING DATE: 07/20/1998 ISSUE DATE:
SERIAL NUMBER: 09149586 PATENT NUMBER:	FILING DATE: 09/08/1998 ISSUE DATE:
SERIAL NUMBER: 09168772 PATENT NUMBER:	FILING DATE: 10/08/1998 ISSUE DATE:
SERIAL NUMBER: 09033207 PATENT NUMBER:	FILING DATE: 03/02/1998 ISSUE DATE:
SERIAL NUMBER: 09146206 PATENT NUMBER:	FILING DATE: 09/02/1998 ISSUE DATE:
SERIAL NUMBER: 09156827 PATENT NUMBER:	FILING DATE: 09/18/1998 ISSUE DATE:
SERIAL NUMBER: 60095612 PATENT NUMBER:	FILING DATE: 08/06/1998 ISSUE DATE:
SERIAL NUMBER: 09210485 PATENT NUMBER:	FILING DATE: 12/11/1998 ISSUE DATE:
SERIAL NUMBER: 09237502 PATENT NUMBER:	FILING DATE: 01/26/1999 ISSUE DATE:

010216/0791 PAGE 4

SERIAL NUMBER: 09215417	FILING DATE: 12/18/1998
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09220101	FILING DATE: 12/23/1998
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09220112	FILING DATE: 12/23/1998
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09037162	FILING DATE: 03/09/1998
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09205071	FILING DATE: 12/04/1998
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09205811	FILING DATE: 12/04/1998
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09210428	FILING DATE: 12/11/1998
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09210086	FILING DATE: 12/11/1998
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 60077808	FILING DATE: 03/12/1998
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09119318	FILING DATE: 07/20/1998
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09039991	FILING DATE: 03/16/1998
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 60078486	FILING DATE: 03/18/1998
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 60080652	FILING DATE: 04/03/1998
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09227558	FILING DATE: 01/08/1999
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09062128	FILING DATE: 04/17/1998
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09067448	FILING DATE: 04/27/1998
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09285393	FILING DATE: 04/02/1999
PATENT NUMBER:	ISSUE DATE:
SERIAL NUMBER: 09285333	FILING DATE: 04/02/1999
PATENT NUMBER:	ISSUE DATE:

010216/0791 PAGE 5

SERIAL NUMBER: 09285335  
PATENT NUMBER:

FILING DATE: 04/02/1999  
ISSUE DATE:

SERIAL NUMBER: 09285392  
PATENT NUMBER:

FILING DATE: 04/02/1999  
ISSUE DATE:

SERIAL NUMBER: 09285363  
PATENT NUMBER:

FILING DATE: 04/02/1999  
ISSUE DATE:

SERIAL NUMBER: 08438043  
PATENT NUMBER: 5776359

FILING DATE: 05/08/1995  
ISSUE DATE: 07/07/1998

MAYA BENNETT, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

9.10.99

09-17-1999

Form PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

REC



101147135

 US DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Assistant Commissioner of Patents and Trademarks.  
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Symyx Technologies 3100 Central Expressway Santa Clara, CA 95051	Name: Symyx Technologies, Inc. 3100 Central Expressway Santa Clara, CA 95051
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## 3. Nature of Conveyance:

- Assignment       Merger  
 Other Change of Name in Recorded Assignments       Change of Name

Execution Date: 2/17/99

Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) See Attached Exhibit A

B. Patent No.(s) See Attached Exhibit A

Filed: See Attached Exhibit A

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved. 62
Attorney's Name: Ronald A. Krasnow  Name: Symyx Technologies, Inc. Legal Department 3100 Central Expressway Santa Clara, CA 95051	7. Total fee (37 CFR 3.41): \$ 2,480.00  <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account
8. Deposit account number: 50-0496 (Attached duplicate copy of this page if paying by deposit account)	

## 9. Statement and signature:

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Ronald A. Krasnow Reg. No. 33,321  
(Name of Person Signing)

*Ronald A. Krasnow* Sept. 7, 1999

Signature

Date

Total number of pages being submitted, including cover sheet, attachment(s), and document(s) are: 31

Mail documents to be recorded with required cover sheet information to:

Box Assignments  
Assistant Commissioner of Patents and Trademarks  
Washington, DC 20231

09/17/1999 DNGUYEN 00000102 500496 09122932

01 FC:581 2480.00 CH

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
CHANGE OF NAME IN RECORDED ASSIGNMENTS****1. Particulars of assignments**

A list of assignments recorded against patent applications and/or patents is set forth on the attached page.

**2. Old name of assignee**

The old name of the assignee shown on the listed assignments are:  
Symyx Technologies, a California Corporation

**3. New name of assignee**

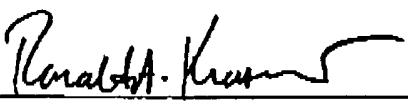
The new name of the assignee is:  
Symyx Technologies, Inc., a Delaware Corporation

**4. Proof of change of name**

Proof of change of name is established by the attached certificate of the Secretary of State of Delaware, showing the name change.

**5. Payment of fee**

Please refer to the "ASSIGNMENT (DOCUMENT) COVER SHEET," to which this paper is attached.

  
\_\_\_\_\_  
Ronald A. Krasnow  
Reg. No. 33,321

Symyx Technologies, Inc.  
3100 Central Expressway  
Santa Clara, CA 95051  
Tel: (408) 764-2000  
Fax: (408) 748-1221

**Change or Name in Recorded Assignments**  
**Exhibit A**  
**Symyx Technologies, Inc.**

Docket No.	File Date	Serial No.	Patent No.	Issue Date	Title	Recordation Date Reel/Frame
94-1DIV1	7/27/98	09/122,932			The Combinatorial Synthesis Of Novel Materials	6/9/95 7518/0522
94-1DIV2	7/31/98	09/127,195			The Combinatorial Synthesis Of Novel Materials	6/9/95 7518/0522
94-1DIV3	7/31/98	09/127,660			The Combinatorial Synthesis Of Novel Materials	6/9/95 7518/0522
95-1	5/8/95	08/438,043	5,776,359	7/7/98	Giant Magnetoresistive Cobalt Oxide Compounds	6/12/95 7542/0663-0665
96-1	7/23/96	60/016,102			Combinatorial Synthesis And Analysis Of Homogeneous Catalyst	9/9/96 8124/0912
96-3	10/25/96	60/029,255			Combinatorial Synthesis And Analysis Of Organometallic Compounds And Homogeneous Catalyst	2/14/97 8368/0531
97-1	4/22/97	08/841,423			Systems And Methods For Combinatorial Synthesis Of Novel Materials	11/21/97 8816/0085
97-11	6/9/97	60/048,987			Combinatorial Synthesis And Analysis Of Organometallic Compounds And Homogeneous Catalysts	10/27/97 8774/0363
97-12	1/10/97	60/035,202			Combinatorial Synthesis And Characterization Of Heterogeneous Catalyst Libraries	3/31/97 8464/0618
97-18	8/22/97	60/056,818			Encoding Of Organometallic Libraries	1/20/98 8908/0307
97-19CIP1	7/8/98	09/112,247			Systems And Methods For Employing Optical Probes To Characterize Material Properties	10/7/98 9523/0137
97-2	4/2/97	08/847,967			The Combinatorial Synthesis Of Novel Materials	11/26/97 8818/0839
97-3	7/22/97	08/898,715			Combinatorial Synthesis And Analysis Of Organometallic Compounds And Homogeneous Catalysts	2/23/99 8997/0285
97-3DIV1	1/21/99	09/235,368			Polymerization Method From The Combinatorial Synthesis And Analysis Of Organometallic Compounds And Catalysts	2/23/99 8997/0285
97-3DIV2	6/21/99	09/337,047			Combinatorial Synthesis And Screening Of Supported Organometallic Compounds And Catalysts	2/23/99 8997/0285
97-3DIV3	6/21/99	09/337,048			Combinatorial Synthesis And Analysis Of Organometallic Compounds And Catalysts	2/23/99 8997/0285
97-3DIV4	6/21/99	09/337,043			Combinatorial Synthesis And Analysis Of Organometallic Compounds And Homogeneous Catalysts	2/23/99 8997/0285
97-3DIV5	6/21/99	09/337,612			Combinatorial Synthesis And Analysis Of Organometallic Compounds And Catalysts	2/23/99 8997/0285
97-4	9/30/97	08/941,170			Potential Masking Systems And Methods For Combinatorial Library Synthesis	3/30/97 9060/0696

**Change or Name in Recorded Assignments**  
**Exhibit A**  
**Symyx Technologies, Inc.**

97-5	10/7/97	08/946,135			Infrared Spectroscopy And Imaging Of Libraries	11/21/97 8816/0085
97-6	10/8/97	08/946,730			Mass Spectrometers And Methods For Rapid Screening Of Libraries Of Different Materials	4/13/97 9100/0588
97-7	10/8/97	08/947,085			Optical Systems And Methods For Rapid Screening Of Libraries Of Different Materials	4/20/98 9164/0726
97-8	10/8/97	08/946,921			Systems And Methods For Characterization Of Materials And Combinatorial Libraries With Mechanical Oscillators	3/23/98 9057/0232
97-8CIP1	8/12/98	09/133,171			Method And Apparatus For Characterizing Materials By Using A Mechanical Resonator	8/12/98 9417/0337
97-9	12/12/97	08/989,739			Delivery And Scavenging Agents For Combinatorial Synthesis Of Compounds And Catalysts	6/2/98 9236/0238
97-9CIP1	2/19/98	09/025,841			Delivery And Scavenging Agents For The Synthesis Of Compounds And Catalysts	2/19/98 9021/0436
98-1	2/5/98	09/019,425			Discovery Of Phosphor Materials Using Combinatorial Synthesis Techniques	5/4/98 9195/0670
98-10	10/19/98	09/174,986			Depolarized Light Scattering Array Apparatus And Method Of Using Same	10/19/98 9597/0131
98-13	6/9/98	09/093,870			Parallel Fixed Bed Reactor And Fluid Contacting Apparatus And Method	8/27/98 9418/0682
98-14	8/13/98	60/096,603			Parallel Reactor With Internal Sensing And Method Of Using Same	10/28/98 9561/0934
98-14CIP1	10/22/98	09/177,170			Parallel Reactor With Internal Sensing And Method Of Using Same	4/23/99 9910/0278
98-14CIP2	12/14/98	09/211,982			Improved Parallel Reactor With Internal Sensing	3/22/99 9843/0549
98-15	7/20/98	09/119,187			Combinatorial Electrochemical Deposition And Testing System	7/20/98 9340/0109
98-17	9/8/98	09/149,586			Sampling And Analysis Of Reactions By Trapping Reaction Components On A Sorbent	9/8/98 9452/0348
98-18	10/8/98	09/168,772			Catalyst Ligands, Catalytic Metal Complexes And Processes Using Same	10/8/98 9518/0039
98-2	3/2/98	09/033,207			Encoding Of Organometallic Libraries	3/2/98 9016/0206
98-20	9/2/98	09/146,206			Catalyst Ligands, Catalytic Metal Complexes And Processes Using And Methods Of Making Same	9/2/98 9438/0733
98-21	9/18/98	09/156,827			Formation Of Combinatorial Arrays Of Materials Using Solution-Based Methodologies	9/18/98 9475/0546
98-22	8/6/98	60/095,612			Catalyst Ligands, Catalytic Metal Complexes And Processes Using The Same	8/6/98 9374/0073

**Change of Name in Recorded Assignments**  
**Exhibit A**  
**Symyx Technologies, Inc.**

98-23	12/11/98	09/210,485			Apparatus For Rapid Sensor Array-Based Materials Characterization	12/11/98 9645/0013
98-27	1/26/99	09/237,502			Programmable Flux Gradient Apparatus For Co-Deposition Of Materials Onto A Substrate	5/20/99 9982/0742
98-28	12/18/98	09/215,417			Apparatus And Method For Characterizing Libraries Of Different Materials Using X-Ray Scattering	12/18/98 9668/0784
98-2DIV1	12/23/98	09/220,101			Encoding Of Organometallic Libraries	3/2/98 9016/0206
98-2DIV2	12/23/98	09/220,112			Encoding Of Organometallic Libraries	3/2/98 9016/0206
98-3	3/9/98	09/037,162			Substituted Aminomethylphosphines, Coordination Complexes Of Aminomethylphosphines And Their Synthesis	3/9/98 9076/0656
98-32	12/4/98	09/205,071			Continuous Feed Parallel Reactor	1/25/99 9927/0569
98-33	12/4/98	09/205,811			Combinatorial Discovery And Testing Of Ionic Liquids	12/14/98 9635/0155
98-36	12/11/98	09/210,428			Sensor Array For Rapid Materials Characterization	12/11/98 9645/0566
98-37	12/11/98	09/210,086			Method For Conducting Sensor Array-Based Rapid Materials Characterization	12/11/98 9644/0579
98-4	3/12/98	60/077,808			Metal Complexes Supported By Ancillary Ligands	3/12/98 9105/0410
98-4CIP1	7/20/98	09/119,318			Compositions And Metal Complexes Having Ancillary Ligands	7/20/98 9333/0618
98-5	3/16/98	09/039,991			Sampling And Detection Of Trace Gas Species By Optical Spectroscopy	3/16/98 9047/0133
98-6	3/18/98	60/078,486			Methods For The Rapid Preparation And Screening Of Mixtures Of Organic Pigments	3/18/98 9074/0072
98-7	4/3/98	60/080,652			Rapid Characterization Of Polymers	4/3/98 9129/0003
98-7CIP2	1/8/99	09/227,558			Apparatus And Method Of Research For Creating And Testing Novel Catalysts, Reactions And Polymers	1/8/99 9699/0629
98-8	4/17/98	09/062,128			Ancillary Ligands And Metal Complexes, Catalysts And Compositions Using Same And Methods Of Testing	4/17/98 9120/0896
98-9	4/27/98	09/067,448			Combinatorial Method For Screening Of Catalyst Libraries And Compositions By Detecting Functional Group Transformations	4/27/98 9176/0198
99-10	4/2/99	09/285,393			Automated Sampling Methods For Rapid Characterization Of Polymers	4/2/99 9867/0397
99-11	4/2/99	09/285,333			High-Temperature Characterization Of Polymers	4/2/99 9869/0802

**Change or Name in Recorded Assignments**  
**Exhibit A**  
**Symyx Technologies, Inc.**

99-12	4/2/99	09/285,335			Flow-Injection Analysis And Variable-Flow Light-Scattering Methods And Apparatus For Characterizing Polymers	4/2/99 9867/0417
99-13	4/2/99	09/285,392			Indirect Calibration Of Polymer Characterization Systems	4/2/99 9868/0071
99-9	4/2/99	09/285,363			Rapid Characterization Of Polymers	4/2/99 9868/0047

*State of Delaware*  
*Office of the Secretary of State*

PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE RESTATED CERTIFICATE OF "SYMYX TECHNOLOGIES, INC.", FILED IN THIS OFFICE ON THE TWENTY-NINTH DAY OF JANUARY, A.D. 1999, AT 10 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



*Edward J. Freel*  
Edward J. Freel, Secretary of State

2952009 8100

AUTHENTICATION: 9548524

991037325

DATE: 01-29-99